

Title (en)  
GENE ENCODING FLAVONE SYNTHASE

Title (de)  
FÜR FLAVONSYNTHASE KODIERENDES GEN

Title (fr)  
GENE CODANT POUR UNE FLAVONE SYNTHASE

Publication  
**EP 1067189 A4 20050126 (EN)**

Application  
**EP 00901994 A 20000128**

Priority  
• JP 0000490 W 20000128  
• JP 2242799 A 19990129  
• JP 20522999 A 19990719

Abstract (en)  
[origin: EP1067189A1] DNA obtained, for example, from snapdragon or torenia, encoding an enzyme that can convert flavanones directly to flavones, and its uses; the DNA and amino acid sequences for enzymes encoded thereby are listed as SEQ.ID. No. 1 & 2 and 3 & 4, for example. Introduction of the genes into plants can, for example, alter the flower colors of the plants.

IPC 1-7  
**C12N 15/53; C12N 15/82; A01H 5/00**

IPC 8 full level  
**C12N 15/09** (2006.01); **A01H 5/00** (2006.01); **C12N 1/19** (2006.01); **C12N 5/10** (2006.01); **C12N 9/02** (2006.01); **C12N 9/88** (2006.01); **C12N 15/29** (2006.01); **C12N 15/82** (2006.01)

CPC (source: EP KR US)  
**C12N 9/0077** (2013.01 - EP US); **C12N 15/52** (2013.01 - KR); **C12N 15/8243** (2013.01 - EP US); **C12N 15/825** (2013.01 - EP US)

Citation (search report)  
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1067189 A1 20010110; EP 1067189 A4 20050126; EP 1067189 B1 20070829**; AT E371739 T1 20070915; AT E410515 T1 20081015; AT E430803 T1 20090515; AU 2322400 A 20000818; CA 2324505 A1 20000803; CA 2324505 C 20100720; CN 100381572 C 20080416; CN 1355848 A 20020626; CN 1644696 A 20050727; DE 60036159 D1 20071011; DE 60036159 T2 20080103; DE 60040497 D1 20081120; DE 60042178 D1 20090618; EP 1726653 A2 20061129; EP 1726653 A3 20070411; EP 1726653 B1 20090506; EP 1728867 A2 20061206; EP 1728867 A3 20070228; EP 1728867 B1 20081008; ES 2288468 T3 20080116; ES 2311254 T3 20090201; ES 2322770 T3 20090626; HK 1047765 A1 20030307; HK 1047765 B 20090130; IL 138716 A0 20011031; IL 138716 A 20091224; IL 195808 A 20101130; JP 2000279182 A 20001010; JP 4368005 B2 20091118; KR 100753351 B1 20070830; KR 20010042261 A 20010525; NZ 507149 A 20031031; TW I260345 B 20060821; US 2004003431 A1 20040101; US 2004261146 A1 20041223; US 2006248609 A1 20061102; US 2006277621 A1 20061207; US 2006277622 A1 20061207; US 6596927 B1 20030722; US 7119252 B2 20061010; US 7119253 B2 20061010; US 7422881 B2 20080909; US 7465569 B2 20081216; US 7507566 B2 20090324; WO 0044907 A1 20000803

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**EP 00901994 A 20000128**; AT 00901994 T 20000128; AT 06015652 T 20000128; AT 06015653 T 20000128; AU 2322400 A 20000128; CA 2324505 A 20000128; CN 00800103 A 20000128; CN 200510003929 A 20000128; DE 60036159 T 20000128; DE 60040497 T 20000128; DE 60042178 T 20000128; EP 06015652 A 20000128; EP 06015653 A 20000128; ES 00901994 T 20000128; ES 06015652 T 20000128; ES 06015653 T 20000128; HK 02109249 A 20021220; IL 13871600 A 20000128; IL 19580808 A 20081209; JP 0000490 W 20000128;

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